CITY OF EUREKA

PUBLIC WORKS DEPARTMENT

531 K Street • Eureka, California 95501-1146

APPLICATION FOR WASTEWATER DISCHARGE PERMIT

Information on the completed application will be verified.

SECTION A - GENERAL INFORMATION

1. **Facility Name:** TABLE BLUFF BREWING INC
   aka LOST COAST BREWERY + CAFE
   Facility Address:
   Street: 1600 SUNSET DR
   City: EUREKA State: CA Zip: 95501
   Phone #: (707) 445-4481 Fax #: (707) 445-4483

2. **Business Mailing Address:**
   Street or PO Box: 617 FOURTH ST
   City: EUREKA State: CA Zip: 95501

3. **Designated signatory authority of the facility:**
   Name: BARBARA GROOM Title: PRESIDENT
   Address: 617 FOURTH ST
   City: EUREKA State: CA Zip: 95501
   Phone #: (707) 445-4480 Fax #: (707) 445-4483

4. **Designated facility contact:**
   Name: JEFF SMITH Title: PROJECT MANAGER
   Phone #: (707) 440-9198 Fax #:
   Emergency Phone #:

UTILITIES OPERATIONS DIVISION

Wastewater Treatment	(707) 441-4364	Pretreatment	(707) 441-4362
Water Treatment	(707) 441-4234	Water Quality Laboratory	(707) 441-4363
FAX – Wastewater Treatment	(707) 441-4366	FAX - Water Treatment	(707) 441-4265

SECTION B - BUSINESS ACTIVITY

1. **If your facility employs or will be employing processes in any of the industrial categories or business activities listed below (regardless of whether they generate wastewater, waste sludge, or hazardous wastes), place a check beside the category of business activity (check all that apply).**

Industrial Categories	Not Applicable
☐ Aluminum Forming	
☐ Asbestos Manufacturing	
☐ Battery Manufacturing	
☐ Can Making	
☐ Carbon Black	
☐ Coal Mining	
☐ Coil Coating	
☐ Copper Forming	
☐ Electric and Electronic Components Manufacturing	
☐ Electroplating	
☐ Feedlots	
☐ Fertilizer Manufacturing	
☐ Foundries (Metal Molding and Casting)	
☐ Glass Manufacturing	
☐ Inorganic Chemicals	
☐ Iron and Steel	
☐ Leather Tanning and Finishing	
☐ Metal Finishing	
☐ Nonferrous Metals Forming	
☐ Nonferrous Metals Manufacturing	
☐ Organic Chemicals Manufacturing	
☐ Paint and Ink Formulating	
☐ Paving and Roofing Manufacturing	
☐ Pesticides Manufacturing	
☐ Petroleum Refining	
☐ Pharmaceutical	
☐ Plastic and Synthetic Materials Manufacturing	
☐ Plastics Processing Manufacturing	
☐ Porcelain Enamel	
☐ Pulp, Paper, and Fiberboard Manufacturing	
☐ Rubber	
☐ Soap and Detergent Manufacturing	
☐ Steam Electric	
☐ Sugar Processing	
☐ Textile Mills	
☐ Timber Products	

SECTION B - BUSINESS ACTIVITY (cont.)

2. Describe all operations at this facility including primary products or services:

Brewing beer and packaging

3. Indicate applicable Standard Industrial Classification (SIC) or North American Industry Classificaiton System (NAICS) number for all processes. (If more than one applies, list in descending order of importance.)

a. SIC 2082 - Malt Beverages

b. NAICS 312120 - Brewery

c.

d.

e.

4. Production Volume:

Product (Brand Name)	Past Calendar Year Amounts Per Day (Daily Units)		Estimate This Calendar Year Amounts Per Day (Daily Units)	
	Average	Maximum	Average	Maximum
Beer	0 bbls	0 bbls	* 60,000 bbls/year	300,000 bbls/year
			1.89 million	9.45 million
			gallons	gallons

* Estimated for 1st year of production. Maximum capacity of brewery is 300,00 bbls/year

31.5 gallons per bbls

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SECTION C - WATER SUPPLY

1. Water Sources: (Check all that apply:)

- ☐ Private Well
- ☐ Surface Water
- ☒ Municipal Water Utility (Specify City or Agency): _____
- ☐ Other (Specify):

2. Water Bill Information:

Name: Table Bluff Brewery Water Service Account Number:

Street: 1600 Sunset Drive

City: Eureka State: CA Zip Code: 95501

3. List average water usage on premises:

Type	Average Water Usage (GPD)	Indicated Estimated (E) or Measured (M)
a. Domestic	1,980 - 3,960	E
b. Industrial/Commercial Process	31,850 - 63,700	E
c. Boiler feed	1,760 - 3,520	E
d. Irrigation and lawn watering	0	
e. Plant and equipment washdown	see b above	
f. Contact cooling water	None	
g. Non-contact cooling water	None	
h. Air pollution control	None	
i. Contained in product	9,100	E
j. Other:		
k. TOTAL	45,100 - 80,300	E

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SECTION D - SEWER INFORMATION

1. **For an existing business:**
Is the building presently connected to the public sanitary sewer system?
☐ yes
If Yes, Please indicate Sanitary Sewer Account Number:_____
☐ no
If No, have you applied for a sanitary sewer hookup? ☐ yes ☐ no

2. **For a new business:**

(a). Will you be occupying an existing vacant building?
☐ Yes ☒ No
If Yes, will you be remodeling or modifying the building? ☐ yes ☐ no

(b). If you will be constructing a new building or modifying an existing one, have you applied for a building permit? ☒ Yes ☐ No

3. **List size, descriptive location, and flow of each facility sewer which connects to the sanitary sewer system. (If more than five, attach additional information on another sheet.)**

Sewer Size	Descriptive Location of Sewer Connection or Discharge Point	Average Flow (GPD)
8" Process Sewer	Sunset Dr. ~500' west of Weiler Rd	50,000 - 70,000
4' Domestic Sewer	Sunset Dr. ~ 450' west of Weiler Rd	2,000 - 4,000

SECTION E - WASTEWATER DISCHARGE INFORMATION

1. **Provide the following information on wastewater flow rate. [New facilities may estimate]**

Day of the Week:	Hours of Discharge (e.g. 9 am - 5 pm.)	Hours discharged per day (e.g. 8 hours/day)
Monday	00:00 - 00:00	24 hrs/day
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		
Sunday		

2. **If batch discharge occurs or will occur, indicate: [New facilities may estimate]**

a. Number of batch discharges Not Applicable per day
b. Average discharge per batch gallons
c. Time of batch discharges on
(Hours of Discharge) (Days of the Week)
d. Flow rate gallons/minute
e. Percent of total discharge

SECTION E - WASTEWATER DISCHARGE INFORMATION (cont.)

3. **Schematic Flow Diagram - For each major activity in which wastewater is or will be generated, draw a diagram of the flow of materials, products, water, and wastewater from the start of the activity to its completion. Include the average daily volume and maximum daily volume of each wastestream [new facilities may estimate]. If estimates are used for flow data, this must be indicated. Number each unit process having wastewater discharges to the community sewer. Use Section H.**

See attached Figure 1.0 - Schematic Flow Diagram

SECTION E - WASTEWATER DISCHARGE INFORMATION (cont.)

Facilities that checked activities in question 1 of Section B are considered Categorical Industrial Users and should skip to question 6.

4. For Non-Categorical Users Only: List average wastewater discharge, maximum discharge, and type of discharge (batch, continuous, or both), for each plant process. Include the reference number from the process schematic that corresponds to each process. [New facilities should provide estimates for each discharge].

No.	Process Description	Average Flow (GPD)	Maximum Flow (GPD)	Type of Discharge (Batch, Cont., None)
1	Process wastewater	32,000	63,700	Cont.
2	Domestic sanitary	2,000	4,000	Cont.
	*Estimated for 1st year of production			

ANSWER QUESTIONS 6 & 7 ONLY IF YOU ARE SUBJECT TO CATEGORICAL PRETREATMENT STANDARDS Not Applicable

5. For Categorical Users: Provide the wastewater discharge flows for each of your processes or proposed processes. Include the reference number from the process schematic that corresponds to each process. [New facilities should provide estimates for each discharge].

No.	Process Description	Average Flow (GPD)	Maximum Flow (GPD)	Type of Discharge (Batch, Cont., None)

No.	Process Description	Average Flow (GPD)	Maximum Flow (GPD)	Type of Discharge (Batch, Cont., None)

No.	Process Description	Average Flow (GPD)	Maximum Flow (GPD)	Type of Discharge (Batch, Cont., None)

SECTION E - WASTEWATER DISCHARGE INFORMATION (cont.)

Not Applicable

6. For Categorical Users Subject to Total Toxic Organic (TTO) Requirements: Provide the following (TTO) information.

a. Does (or will this facility use any of the toxic organics that are listed under the TTO standard of the applicable categorical pretreatment standards published by EPA?

☐ Yes
☐ No

b. Has a baseline monitoring report (BMR) been submitted which contains TTO information?

☐ Yes
☐ No

c. Has a toxic organics management plan (TOMP) been developed?

☐ Yes, (Please attach a copy)
☐ No

7. Do you have, or plan to have, automatic sampling equipment or continuous wastewater flow metering equipment at this facility?

Current: Flow Metering ☐ Yes ☒ No ☐ N/A
Sampling Equipment:

Planned: Flow Metering ☒ Yes ☐ No ☐ N/A
Sampling Equipment: No

If so, please indicate the present or future location of this equipment on the sewer schematic and describe the equipment below:

Plan to install mag meter on discharge pipe from pH Balance Tank

8. Are any process changes or expansions planned during the next three years that could alter wastewater volumes or characteristics? Consider production processes as well as air or water pollution treatment processes that may affect the discharge.

☒ Yes
☐ No, (skip question 10)

9. Briefly describe these changes and their effects on the wastewater volume and characteristics: (Attach additional sheets if needed.)

Initial production is estimated at 60,000 - 70,000 bbls/yr (wastewater flow 23,000 - 27,000 gpd)
Future production is estimated at 300,000 bbls/yr (wastewater flow ~115,000 gpd)

10. Are any materials or water reclamation systems in use or planned?

☒ Yes
☐ No, (skip question 12)

SECTION E - WASTEWATER DISCHARGE INFORMATION (cont.)

11. Briefly describe recovery process, substance recovered, percent recovered, and the concentration in the spent solution. Submit a flow diagram for each process: (Attach additional sheets if needed.)

Boiler condensate recovery system

SECTION F - CHARACTERISTICS OF DISCHARGE

DO NOT LEAVE BLANKS.

Write "Yes", "No", or "Uncertain" (or "Y", "N", and "U") in the columns for each chemical. "Stored" means stored on site. "Used" means either used on a regular basis or used in a large volume on an infrequent basis. "Discharged" means discharged to the Control Authority's wastewater treatment plant. "Other Disposal Method" means discharged to other than the Control Authority's wastewater treatment plant.

New dischargers must attach copies of the two most recent analytical reports for wastewater testing, if results are available. New dischargers should use the tables to indicate which pollutants will be present or are suspected to be present in proposed wastestreams. If chemicals are suspected to be present, an "S" may be written next the "Y", "N", or "U" in each column.

Be aware that commercially available products used at a business may contain chemicals on these lists. Consult the Material Safety Data Sheets (MSDS) for each product to determine the presence or absence of a listed chemical.

Attach copies of the MSDS for each commercial product discharged to the Control Authority's wastewater treatment plant, regardless of chemical constituents in the product.

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Constituent	Stored	Used	Discharged	Other Disposal Method
1,1,1-Trichloroethane	No	No	No	No
1,1,2,2-Tetrachloroethane	↓	↓	↓	↓
1,1,2-Trichloroethane	↓	↓	↓	↓
1,12-Benzoperylene (see Benzo (ghi) perylene)	↓	↓	↓	↓
1,1-Dichloroethane	↓	↓	↓	↓
1,1-Dichloroethylene	↓	↓	↓	↓
1,2,4-Trichlorobenzene	↓	↓	↓	↓
1,2,5,6-Dibenzanthracene (see Dibenzo (a,h) anthracene)	↓	↓	↓	↓
1,2-Benzanthracene (see Benzo (a) anthracene)	↓	↓	↓	↓
1,2-Dichlorobenzene	↓	↓	↓	↓
1,2-Dichloroethane	↓	↓	↓	↓
1,2-Dichloropropane	↓	↓	↓	↓
1,3-Dichloropropene (see 1,3-Dichloropropylene)	↓	↓	↓	↓
1,2-Dichloropropylene	↓	↓	↓	↓
1,2-Diphenylhydrazine	↓	↓	↓	↓
1,2-trans-Dichloroethylene	↓	↓	↓	↓
1,2-trans-Dichloroethylene	↓	↓	↓	↓
1,3-Dichlorobenzene	↓	↓	↓	↓
1,3-Dichloropropylene	↓	↓	↓	↓
1,4-Dichlorobenzene	↓	↓	↓	↓
11,12-benzofluoranthene (see Benzo (k) flouranthane)	↓	↓	↓	↓
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	↓	↓	↓	↓
2,3-Phenylenepyrene (see Indeno (1,2,3-cd) pyrene)	↓	↓	↓	↓
2,4,6-Trichlorophenol	↓	↓	↓	↓
2,4-Dichlorophenol	↓	↓	↓	↓
2,4-Dichloropropene	↓	↓	↓	↓
2,4-Dimethylphenol	↓	↓	↓	↓
2,4-Dinitrophenol	↓	↓	↓	↓
2,4-Dinitrotoluene	↓	↓	↓	↓
2,6-Dinitrotoluene	↓	↓	↓	↓
2-Chloroethylvinyl ether	↓	↓	↓	↓
2-Chloromethane (see Methylene Chloride)	↓	↓	↓	↓
2-Chloronaphthalene	↓	↓	↓	↓
2-Chlorophenol	↓	↓	↓	↓
2-Nitrophenol	↓	↓	↓	↓
3,3'-Dichlorobenzidiene	↓	↓	↓	↓
3,4-Benzofluoranthene	↓	↓	↓	↓
3,4-Benzopyrene (see Benzo (a) pyrene)	↓	↓	↓	↓
4,4'-DDD	↓	↓	↓	↓
4,4'-DDE	↓	↓	↓	↓
4,4'-DDT	↓	↓	↓	↓
4,6-Dinitro-o-cresol	↓	↓	↓	↓

Constituent	Stored	Used	Discharged	Other Disposal Method
4-Bromophenyl phenyl ether	No	No	No	No
4-Chlorophenyl phenyl ether	↓	↓	↓	↓
4-Nitrophenol	↓	↓	↓	↓
4-Nitrophenol	↓	↓	↓	↓
Acenaphthene	↓	↓	↓	↓
Acenaphthylene	↓	↓	↓	↓
Acetone	↓	↓	↓	↓
Acidity	↓	↓	↓	↓
Acrolein	↓	↓	↓	↓
Acrylonitrile	↓	↓	↓	↓
Alcohol	↓	↓	↓	↓
Aldehyde	↓	↓	↓	↓
Aldrin	↓	↓	↓	↓
Algicide (Algaecide)	↓	↓	↓	↓
Alkalinity	↓	↓	↓	↓
Alpha-BHC	↓	↓	↓	↓
Alpha-endosulfan	↓	↓	↓	↓
Aluminum	↓	↓	↓	↓
Ammonia	↓	↓	↓	↓
Ammonia-Nitrogen	↓	↓	↓	↓
Anthracene	↓	↓	↓	↓
Antimony	↓	↓	↓	↓
Arochlor 1016 (see PCB-1016)	↓	↓	↓	↓
Arochlor 1221 (see PCB-1221)	↓	↓	↓	↓
Arochlor 1232 (see PCB-1232)	↓	↓	↓	↓
Arochlor 1242 (see PCB-1242)	↓	↓	↓	↓
Arochlor 1248 (see PCB-1248)	↓	↓	↓	↓
Arochlor 1254 (see PCB-1254)	↓	↓	↓	↓
Arochlor 1260 (see PCB-1260)	↓	↓	↓	↓
Arsenic	↓	↓	↓	↓
Asbestos	↓	↓	↓	↓
Bacteria	↓	↓	↓	↓
Barium	↓	↓	↓	↓
Benzene	↓	↓	↓	↓
Benzidiene	↓	↓	↓	↓
Benzo (a) anthracene	↓	↓	↓	↓
Benzo (a) pyrene	↓	↓	↓	↓
Benzo (ghi) perylene	↓	↓	↓	↓
Benzo (k) fluoranthane	↓	↓	↓	↓
Beryllium	↓	↓	↓	↓
Beta-BHC	↓	↓	↓	↓
Beta-endosulfan	↓	↓	↓	↓
Bis (2-ethylhexyl) phthalate	↓	↓	↓	↓
Bis (2-Chlorethoxy) methane	↓	↓	↓	↓
Bis (2-Chloroethyl) ether	↓	↓	↓	↓
Bis (2-Chloroisopropyl) ether	↓	↓	↓	↓
Bis (2-ethylhexyl) phthalate	↓	↓	↓	↓
Bis (chloromethyl) ether	↓	↓	↓	↓
BOD (5 day)	↓	↓	Yes (s)	↓

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Constituent	Stored	Used	Discharged	Other Disposal Method
Boron	No	No	No	No
Bromide				
Bromoform				
Bromomethane				
Butylbenzyl phthalate				
Cadmium				
Calcium				
Calcium Hydroxide				
Carbon Tetrachloride				
Caustic (See Sodium Hydroxide)				
Caustic Soda (See Sodium Hydroxide)				
Chlordane				
Chloride				
Chlorinated Hydrocarbon				
Chlorine				
Chlorobenzene				
Chlorodibromomethane				
Chloroethane				
Chloroethylene (see Vinyl Chloride)				
Chloroform				
Chloromethane				
Chromium				
Chrysene				
Cobalt				
COD			Yes (s)	
Copper			No	
Cyanide				
Delta-BHC				
Dibenzo (a,h) anthracene				
Dichlorobromomethane				
Dichlorodifluoromethane				
Dichloromethane (see Methylene Chloride)				
Dieldrin				
Diethyl phthalate				
Dimethyl nitrosamine				
Dimethyl phthalate				
Di-N-Butyl phthalate				
Di-n-ethyl phthalate				
Di-N-Octyl phthalate				
Di-N-propyl nitrosamine				
Diphenyl nitrosamine				
Dye				
Endosulfan sulfate				
Endrin				
Endrin aldehyde				
Ethylbenzene				
Fluoranthene				
Fluorene				

Constituent	Stored	Used	Discharged	Other Disposal Method
Fluoride	No	No	No	No
Formaldehyde				
Gamma-BHC				
Grease & Oil (see Oil & Grease)				
Grease & Oil, Petroleum Origin, Non-polar (see Total Petroleum Hydrocarbons Infa-Red)	Yes	Yes	No	Yes
Hardness				
Heptachlor				
Heptachlor epoxide				
Herbicide				
Hexachlorobenzene				
Hexachlorobutadiene				
Hexachlorocyclohexane				
Hexachlorocyclopentadiene				
Hexachloroethane				
Hydrated Lime (see Calcium Hydroxide)				
Hydrochloric Acid				
Hydrofluoric Acid				
Hydrogen Peroxide	Yes	Yes	No	No
Indeno (1,2,3-cd) pyrene				
Iodine				
Iron				
Isophorone				
Ketone				
Kjedahl-Nitrogen (see TKN)				
Lead				
Lindane (see Gamma-BHC)				
m & p xylene				
Magnesium				
Manganese				
MBAS (see Surfactant)				
Mercury				
Methyl Bromide (see Bromomethane)				
Methyl Chloride (see Chloromethane)				
Methylene Chloride				
Molybdenum				
Muriatic Acid (see Hydrochloric Acid)				
Napthalene				
NFR				
NH_3-N (see Ammonia-Nitrogen)				
Nickel				
Nitrate-Nitrogen				
Nitric Acid	Yes	Yes	Yes (s)	
Nitrite-Nitrogen	No	No	No	
Nitrobenzene				
Nitrophenol				
N-Nitrosodimethylamine				
N-Nitrosodi-N-Propylamine				
N-Nitrosodiphenylamine				

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Constituent	Stored	Used	Discharged	Other Disposal Method
o xylene	No	No	No	No
Oil & Grease, Polar				
Oil & Grease, Petroleum Origin, Non-polar (see Total Petroleum Hydrocarbons Infa-Red)	Yes	Yes	No	Yes
Organic Nitrogen	No	No	Yes (s)	No
Orthophosphate Phosphorous			No	
p,p'-DDX (see 4,4'-DDE)				
p,p'-TDE (see 4,4'-DDD				
Parachlorometa cresol				
PCB-1016				
PCB-1221				
PCB-1232				
PCB-1242				
PCB-1248				
PCB-1254				
PCB-1260				
Pentachlorophenol (PCP)				
Peroxide				
Pesticide				
Petroleum Solvent				
pH (less than 5.5 or equal to or greater than 9)				
Phenathrene				
Phenol(s)				
Phosphoric Acid	Yes	Yes	Yes (s)	No
Phosphorous	No	No	No	No
Potassium				
Pyrene				
Pyrene				
Radioactive Materials (Alpha, Beta, or Gamma)				
Selenium				
Silver				
Sodium				
Sodium Hydroxide	Yes	Yes	Yes (s)	
Solvent	No	No	No	
Sulfate (SO_4)				
Sulfide (S)				
Sulfite (SO_3				
Sulfuric Acid				
Surfactant (MBAS)				
TCDD (see 2,3,7,8-Tetrachlorodibenzo-p-dioxin)				
Temperature exceeding 65 degrees Celcius, or149 degrees Farenheit			Yes (s)	
Tetrachloroethylene			No	
Tetrachloromethane (see Carbon Tetrachloride)				
Thallium				

Constituent	Stored	Used	Discharged	Other Disposal Method
Thallium	No	No	No	No
Tin				
Titanium				
TKN				
TOC				
Toluene				
Total Petroleum Hydrocarbons Infa-Red (TPHIR)				
Toxaphene				
TPHIR (see Total Petroleum Hydrocarbons)				
trans-Dichloroethylene				
Tribromomethane (see Bromoform)				
Tributyltin (TBT)				
Trichloroethylene				
Trichloroethylene				
Trichlorofluoromethane				
Trichloromethane (see Chloroform)				
TSS (see NFR)			Yes (s)	
Vanadium			No	
Vinyl Chloride				
Volatile Acids				
Xylene (total)				
Zinc				

SECTION G - TREATMENT

1. **Is any form of wastewater treatment (see list below) practiced at this facility?**
   ☐ Yes ☒ No

   If No, is any form of wastewater treatment (or changes to a existing wastewater treatment) planned for this facility within the next three years?
   ☒ Yes ☐ No

   If Yes, please describe:

   High Strength Wastes (i.e. trub, spent grains and yeast) will be hauled offsite.
   Process wastewater will screened and pH adjusted
   See attached Figure 2.0

2. **Treatment devices or processes used or proposed for treating wastewater or sludge (check as many as appropriate).**

   ☐ Air Flotation
   ☐ Centrifuge
   ☐ Chemical precipitation
   ☐ Chlorination
   ☐ Cyclone
   ☐ Filtration
   ☐ Flow equalization
   ☐ Grease &Oil Interceptor, type: _____
   ☐ Grease trap, size: _____
   ☐ Grinding filter
   ☐ Grit removal
   ☐ Ion exchange
   ☒ Neutralization, pH correction
   ☐ Oil & Water Separator, type: _____
   ☐ Ozonation
   ☐ Reverse osmosis
   ☐ Sand & Oil Interceptor, type: : _____
   ☒ Screen
   ☐ Sedimentation
   ☐ Septic tank
   ☐ Solvent separation
   ☐ Spill protection
   ☐ Sump
   ☐ Biological treatment, type: _____
   ☐ Rainwater diversion or storage
   ☐ Other chemical treatment, type: _____
   ☐ Other physical treatment, type: _____
   ☐ Other, type: _____

SECTION G - TREATMENT (cont.)

3. Description
Describe the pollutant loadings, flow rates, design capacity, physical size, and operating procedures of each treatment facility checked above.

4. Attach a process flow diagram for each existing treatment system. Include process equipment, by-products, by-product disposal method, waste and by-product volumes, and design and operating conditions. See Figure 2.0

5. Describe any changes in treatment or disposal methods planned or under construction for the wastewater discharge to the sanitary sewer. Please include estimated completion dates.

Process wastewater will be screened to remove solids prior to being sent to a pH Balance Tank where the pH will be adjusted to meet discharge limits.

6. Do you have a treatment operator? ☐ **Yes** ☒ **No**

(if Yes), Name: NA

Title:

Phone:

Days and Hours Operator is on Site:

7. Do you have a manual on the correct operation of your treatment equipment?
☒ Yes ☐ No To be developed

8. Do you have a written maintenance schedule for your treatment equipment?
☒ Yes ☐ No To be developed

SECTION H - FACILITY OPERATIONAL CHARACTERISTICS

1. Shift Information
Work Day ☒ Mon. ☒ Tues. ☒ Wed. ☒ Thur. ☒ Fri. ☐ Sat. ☐ Sun.

Estimated work schedule for 1st year

Days of the Week	Shifts per Work Day	Employee's per Shift			Shift Start and End Times		
		1st	2nd	3rd	1st	2nd	3rd
Monday	1	20-30			8:00 - 17:00		
Tuesday	1	20-30			8:00 - 17:00		
Wednesday	1	20-30			8:00 - 17:00		
Thursday	1	20-30			8:00 - 17:00		
Friday	1	20-30			8:00 - 17:00		
Saturday							
Sunday							

SECTION H - FACILITY OPERATIONAL CHARACTERISTICS (cont.)

2. Indicate whether the business activity is:

☒ Continuous through the year, or
☐ Seasonal - Check the box in front of the months of the year during which the business activity occurs:

☐Jan ☐Feb ☐Mar ☐Apr ☐May ☐Jun ☐July ☐Aug ☐Sep ☐Oct ☐Nov ☐Dec

Comments:

3. Indicate whether the facility discharge is:

☒ Continuous through the year, or
☐ Seasonal - Check the box in front of the months of the year during which industrial wastewater discharge occurs:

☐Jan ☐Feb ☐Mar ☐Apr ☐May ☐Jun ☐July ☐Aug ☐Sep ☐Oct ☐Nov ☐Dec

Comments:

4. Does operation shut down for vacation, maintenance, or other reasons?

☒ Yes ☐ No

If Yes, indicate reasons and period when shutdown occurs:
Maintenance - No shutdowns are scheduled yet

5. List types and quantity of chemicals and raw materials used or planned for use (attach list if needed). Include copies of Manufacturer's Safety Data Sheets (if available) for all chemicals identified:

Chemical / Raw Material	Quantity
Acid #14 (Cleaner)	TBD
SB - Peracetic Acid (Sanitizer)	TBD
Hydro Clean 500 (Cleaner)	TBD
Shear 250 (Alkaline cleaner)	TBD

SECTION H - FACILITY OPERATIONAL CHARACTERISTICS (cont.)

6. **Building Layout - Draw to scale the location of each building on the premises. Show map orientation and location of all water meters, storm drains, numbered unit processes (from schematic flow diagram), public sewers, and each facility sewer line connected to the public sewers. Number each sewer and show existing and proposed sampling locations.**

   ** **A blueprint or drawing of the facilities showing the above items may be attached in lieu of submitting a drawing on this sheet.**

See previously submitted permitted plan drawings.

CITY OF EUREKA
WASTEWATER DISCHARGE PERMIT
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SECTION I - SPILL PREVENTION

1. **Do you have chemical storage containers, bins, or ponds at your facility?**
   ☒ Yes ☐ No

   If Yes, please give a description of their location, contents, size, type, and frequency and method of cleaning. Also indicate in a diagram or comment on the proximity of these containers to a sewer or storm drain. Indicate if buried metal containers have cathodic protection.

   See plan sheet 2/A-114 at Grid Line P between 13 & 16 for chemical storage location

2. **Do you have floor drains in your manufacturing or chemical storage area(s)?**
   ☒ Yes ☒ No

   If yes; where do they discharge to?

   No floor drains in chemical storage area. Yes - floor drains in manufacturing area that drain to pH balancing/pretreatment area as applicable. See P3.xx drawing for locations.

3. **If you have chemical storage containers, bins, or ponds in manufacturing area, could an accidental spill lead to a discharge to: (check all that apply).**
   ☐ an on-site disposal system
   ☐ public sanitary sewer system (e.g. through a floor drain)
   ☐ storm drain
   ☐ to ground
   ☐ not applicable, no possible discharge to any of the above routes
   ☒ other, specify: No chemical storage in manufacturing area. Storage tanks will be double walled with 110% containment

4. **Do you have an accidental spill prevention plan (ASPP) to prevent spills of chemicals or slug discharges from entering the sanitary sewer collection system?**
   ☐ Yes - **[Please enclose a copy with the application]**
   ☒ No
   ☐ N/A, Not applicable since there are no floor drains or other means for discharges to enter the sanitary sewer collection system

5. **Please describe below any previous spill events and remedial measures taken to prevent their reoccurrence.**

   N/A - New facility

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WASTEWATER DISCHARGE PERMIT
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SECTION J - NON-DISCHARGED WASTES

1. Are any waste liquids or sludges generated and not disposed of in the sanitary sewer system?

☒ Yes, please describe below
☐ No, skip the remainder of Section J

Waste Generated	Quantity (per year)	Disposal Method	Disposal Location (Onsite or Offsite)
Spent Grain			
Sent Yeast	2,000 tons	Animal Feed	Off Site
Trub			

2. If an outside firm removes any of the above listed wastes, provide the name(s) and address(es) of all waste haulers:

Company Name	TBD		
Address			
City, State, Zip			
Permit No. (if available)			

3. Have you been issued any Federal, State, or local environmental permits?

☐ Yes
☒ No
If yes, please list the permit(s):

SECTION K - AUTHORIZED SIGNATURES

Compliance certification:

1. **Are all applicable Federal, State, or local pretreatment standards and requirements being met on a consistent basis?**
   ☐ Yes ☐ No ☒ Not yet discharging

2. **If No:**

   a. What additional operations and maintenance procedures are being considered to bring the facility into compliance? Also, list additional treatment technology or practice being considered in order to bring the facility into compliance.

   b. Provide a schedule for bringing the facility into compliance. Specify major events planned along with reasonable completion dates. Note that if the Control Authority issues a permit to the applicant, it may establish a schedule for compliance different from the one submitted by the facility.

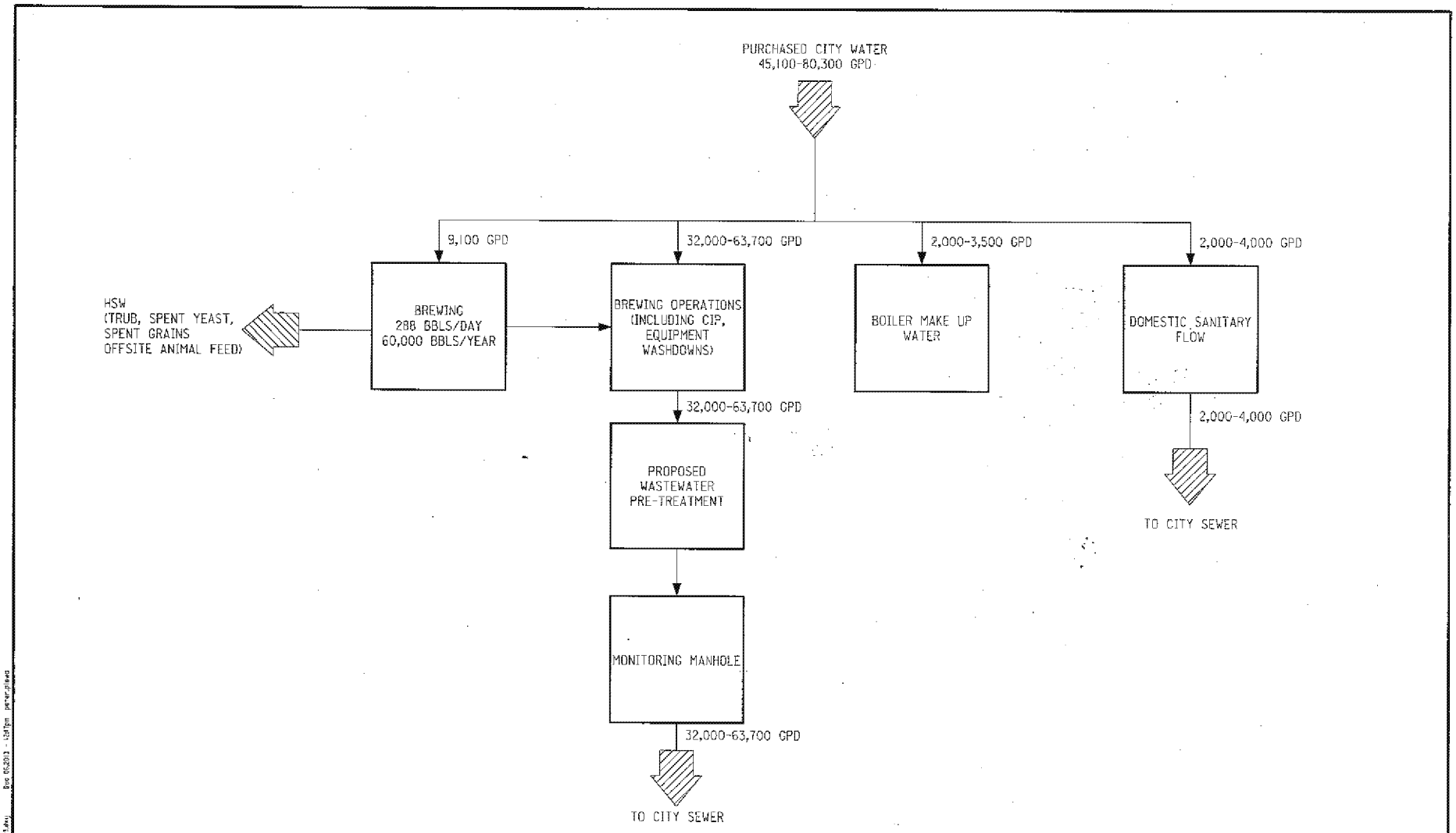
Milestone Activity	Completion Date

Authorized Representative Statement:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Jeffrey Smith — Name (Please Print)
Project Manager — Title
Signature
12/6/13 — Date
707-440-9098 — Phone

PermAppL.doc



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VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

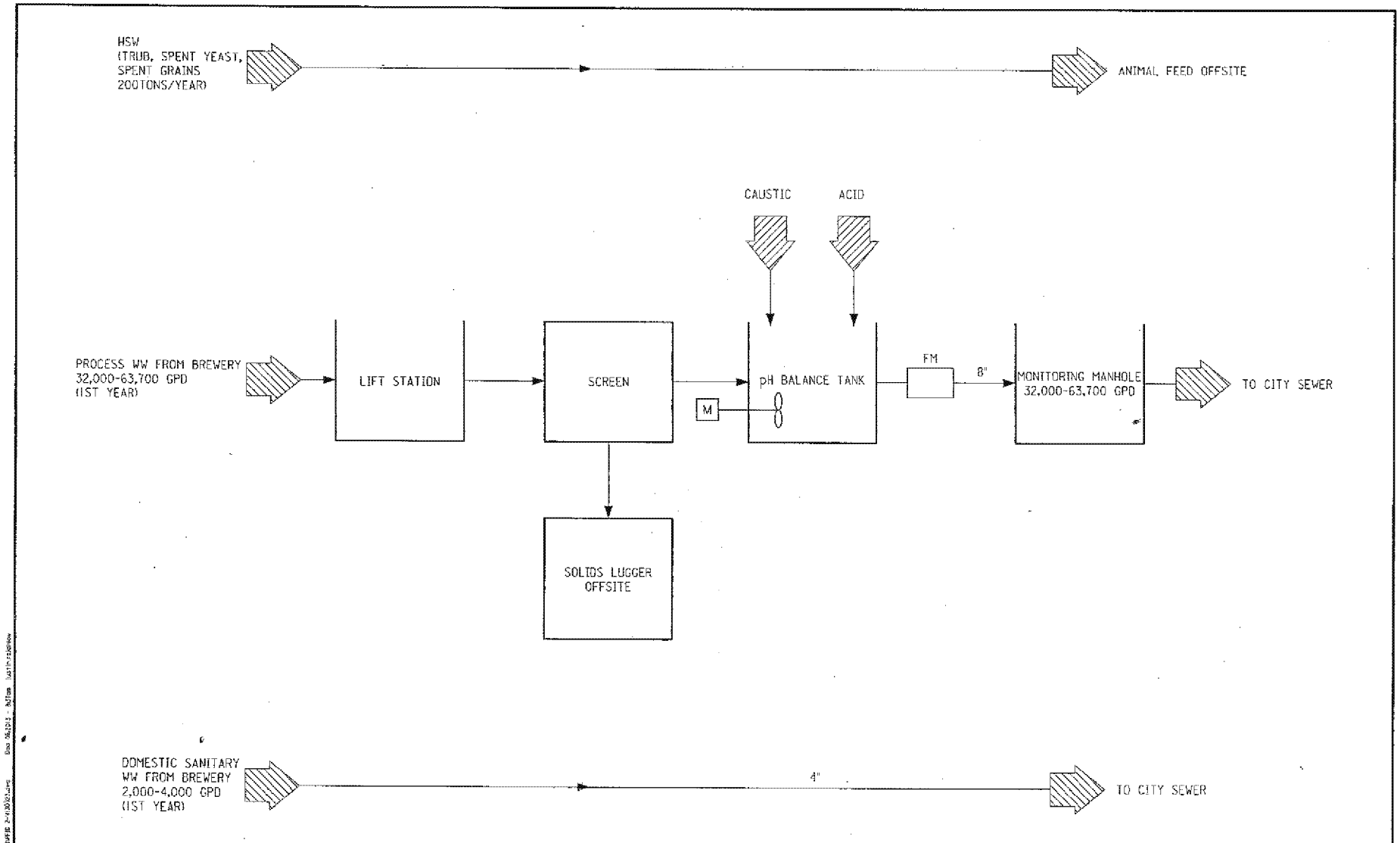
DSGN	JS
DR	JNC
CHK	—
APVD	—

NO.	DATE	REVISION	BY	APVD

TABLE BLUFF BREWING, INC
EUREKA, CA

FIGURE 1.0 PROPOSED WASTEWATER FLOW SCHEMATIC CITY OF EUREKA, CA WASTEWATER DISCHARGE PERMIT APPLICATION SECTION E

SHEET NO.	01
DWG NO.	01
DATE	DEC 2013
PROJ NO.	W130329



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DSGN	JS
DR	JNC
CHK	—
APVD	—

NO.	DATE	REVISION	BY	APVD

TABLE BLUFF BREWING, INC
EUREKA, CA

FIGURE 2.0 PROPOSED WASTEWATER TREATMENT SCHEMATIC CITY OF EUREKA, CA WASTEWATER DISCHARGE PERMIT APPLICATION SECTION G

SHEET NO.	02
TOTAL NO.	02
DATE	DEC 2013
PROJ NO.	M130323